

Rabbit anti-Mouse Pcp2 Polyclonal Antibody | anti-Pcp2 antibody

Mouse Pcp2 Antibody (N-term)

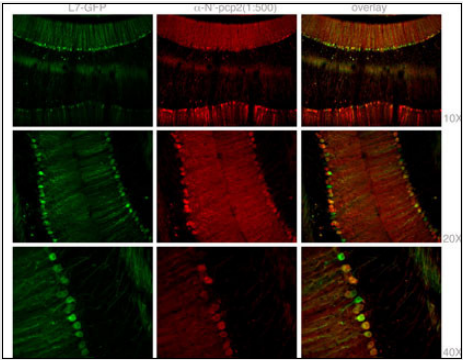
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286989	Rabbit	Mouse	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Pcp2; Polyclonal Antibody; Mouse Pcp2 Antibody (N-term); Purkinje cell protein 2; Protein PCD-5; Purkinje cell-specific protein L7; Pcp-2; anti-Pcp2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Pcp2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-41 amino acids from the N-terminal region of mouse Pcp2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	13-41
Sequence Length	120
Applicable Applications for anti-Pcp2 antibody	IHC (Immunohistochemistry), ELISA
Function	May function as a cell-type specific modulatorfor G protein-mediated cell signaling
Tissue Location	Cerebellum (Purkinje cells) and retinal bipolar neurons
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
Staining with Mouse Pcp2 Antibody (N-term) was colocalized with GFP in most of the Purkinje cells with low background in 1:500 dilution condition. Intensity of PCP2 staining was not necessarily corresponded to the intensity of GFP, and there are a few GFP positive, not stained with pcp2 antibody, cells(see middle and low panel). In dendrites and axons of Purkinje cells, most of fibers stained with PCP-2 antibodies were colocalized with GFP.

ADDITIONAL INFORMATION

Related Product Information for anti-Pcp2 antibody	Pcp2 may function as a cell-type specific modulator for G protein-mediated cell signaling. This protein exhibits tissue specificity for cerebellum (Purkinje cells) and retinal bipolar neurons.
References	Guan,J. et al. Biochem. J. 392 (PT 2), 389-397 (2005) Saito,H. et al. Biochem. Biophys. Res. Commun. 331 (4), 1216-1221 (2005) Redd,K.J. et al. J. Neurosci. Res. 70 (5), 631-637 (2002) Zhang,X. et al. Brain Res. Mol. Brain Res. 105 (1-2), 1-10 (2002) Luo,Y. et al. J. Biol. Chem. 274 (16), 10685-10688 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	193290180
NCBI GeneID	18545
NCBI Accession #	NP_001123276.1; NP_032816.1
NCBI GenBank Nucleotide #	NM_001129804.1
UniProt Accession #	P12660; P22941; Q3TV53
NCBI Official Full Name	Purkinje cell protein 2 isoform 2
NCBI Official Synonym Full Names	Purkinje cell protein 2 (L7)
NCBI Official Symbol	Pcp2
NCBI Official Synonym Symbols	L7; Pcp-2
NCBI Protein Information	Purkinje cell protein 2
UniProt Protein Name	Purkinje cell protein 2
UniProt Gene Name	Pcp2
UniProt Synonym Gene Names	Pcp-2
UniProt Entry Name	PCP2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.